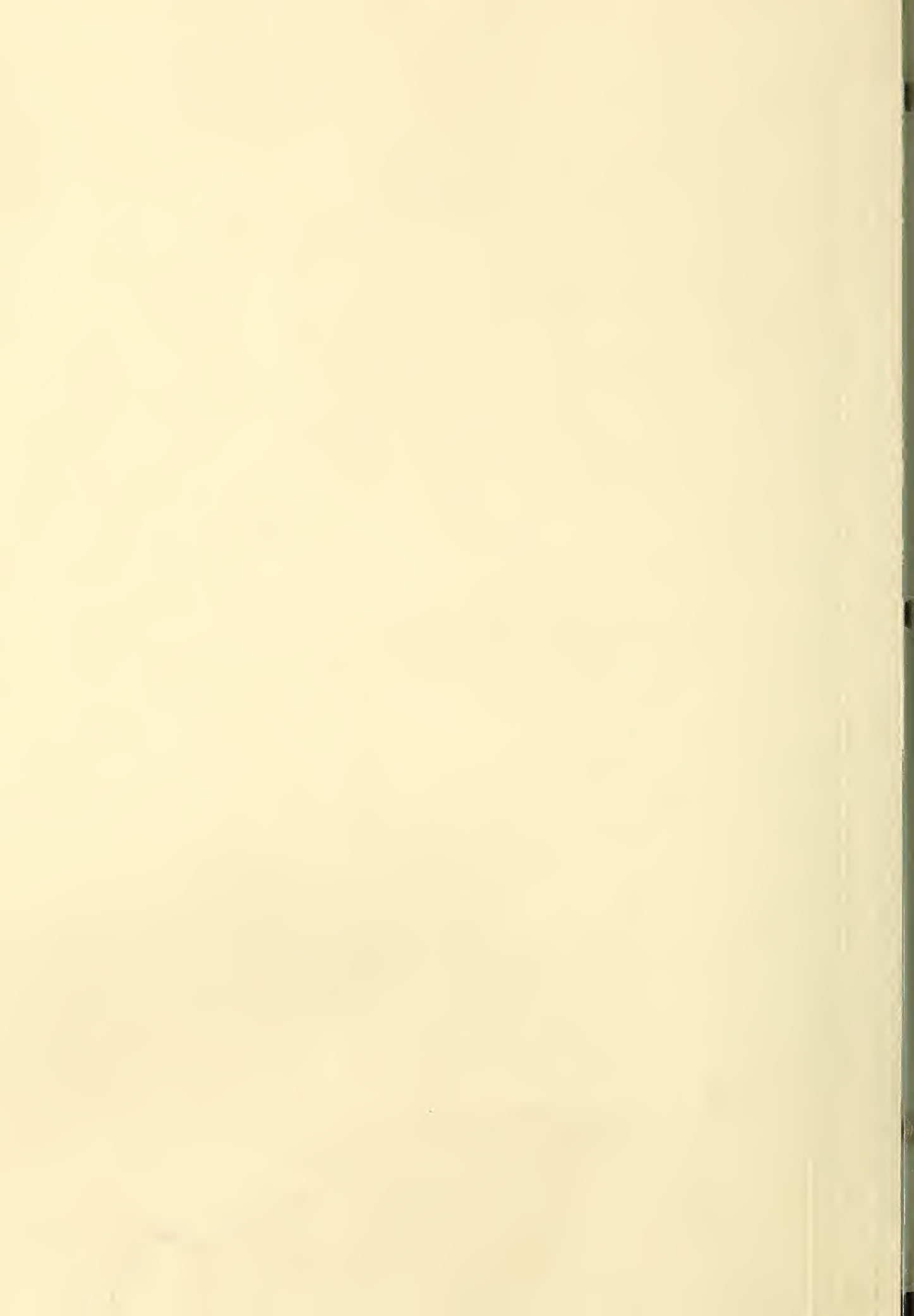


Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.



UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

* * * * *

IOWA AGRICULTURAL STATISTICS

MADISON COUNTY

* * *

County Statistical Bulletin

No. 85

*

Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa



APR 18 1941

1.942
A-22-109
No. 85

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

* * * * *

IOWA DEPARTMENT OF AGRICULTURE
Mark G. Thornburg, Secretary

* * * * *

THE WORKS PROJECTS ADMINISTRATION
George J. Keller, State Administrator

* * * * *

IOWA STATE COLLEGE EXTENSION SERVICE
R. K. Bliss, Director

IOWA AGRICULTURAL STATISTICS - MADISON COUNTY

County Statistical Bulletin No. 85

<u>TABLE NO.</u>	<u>LIST OF TABLES</u>	<u>PAGE NO.</u>
1.	Land Utilization and Yields, County Summary.....	7
2.	Acreage and Yields of Hay, County Summaru.....	8
3.	Land Utilization and Yields, Crawford Township.....	9
4.	Land Utilization and Yields, Douglas Township.....	10
5.	Land Utilization and Yields, Grand River Township.....	11
6.	Land Utilization and Yields, Jackson Township.....	12
7.	Land Utilization and Yields, Jefferson Township.....	13
8.	Land Utilization and Yields, Lee Township.....	14
9.	Land Utilization and Yields, Lincoln Township.....	15
10.	Land Utilization and Yields, Madison Township.....	16
11.	Land Utilization and Yields, Monroe Township.....	17
12.	Land Utilization and Yields, Ohio Township.....	18
13.	Land Utilization and Yields, Penn Township.....	19
14.	Land Utilization and Yields, Scott Township.....	20
15.	Land Utilization and Yields, South Township.....	21
16.	Land Utilization and Yields, Union Township.....	22
17.	Land Utilization and Yields, Walnut Township.....	23
18.	Land Utilization and Yields, Webster Township.....	24
19.	Land Utilization and Yields, Incorporated Towns.....	25
20.	County Livestock Numbers.....	26
21.	Livestock Numbers by Townships.....	27
22.	Creamery Statistics.....	28
23.	Chickens and Eggs.....	29
24.	Number of Farms Reporting Specified Items.....	30
25.	Farm and Land Tenure.....	31
26.	Years of Tenure.....	32
27.	Frequency Distribution of Farms by Size Classes.....	33
28.	Autos, Trucks, Tractors and Radios.....	34
29.	Acreage Owned by Corporations, 1937.....	35
30.	Acreage Owned by Corporations, 1939.....	36
31.	Value of Farm Land and Buildings.....	37
32.	Real Property and Moneys and Credits Taxes Collectible in 1939, for all Purposes.....	38
33.	Number of Schools by Type.....	39
34.	Enrollment in Schools by Type.....	39
35.	Miles of Roads by Type.....	40

FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of a historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 25 and 27.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa.
November, 1940.

vat
Pre

in
Jo
or
fa
ta
op
se

bo
fo
ti
mo

pe
Me
m

o
r

h
f
l

IOWA AGRICULTURAL STATISTICS - MADISON COUNTY

Madison County, which was at one time part of old Des Moines County, was established in January, 1846. It was named for James Madison, the fourth President of the United States.

The first settler in the county was Hiram Hurst, who came from Missouri in May, 1845, and took a claim in Crawford Township. In May, 1846, Caleb Clark, Joel, Isaac and Charles Clanton came with their families and settled along the creek which is known as Clanton Creek. About the same time, Samuel Cuye and family located on the divide between Middle and North rivers. Claims were also taken on Middle River by Crosby B. Jones and Seth Adams. Alfred D. Jones opened the first store at the "Narrows", about four miles east of where Winterset now stands.

In July, 1849, the commissioners, chosen for that purpose, selected and bought a site for the county-seat on a farm owned by John Guiberson. The day for the selection was a cold, raw day and when one of the commissioners suggested the name of Summerset for the town, another commissioner thought Winterset was more appropriate, hence it became Winterset. 1/

The main line of the Rock Island Railroad was built through the northern part of the county about 1868. It passes through the townships of Penn and Madison. Later, a branch line was constructed connecting Winterset with the main line.

An interesting side-light on the pioneer days was the "Rattlesnake Hunt" organized in the spring of 1849. The hunt resulted in the slaughter of 3,750 rattlers. 2/

Another interesting fact is that the Delicious apple had its origin in Madison County. The original tree is protected by a woven wire fence on the farm of W. B. Landis, located a short distance from East Peru in the eastern part of the county. 3/

Area

Madison County is approximately 24 miles square, embracing 563 square miles 4/ or 360,320 acres. Of this number, 346,468 acres are listed as farm land. 5/ There are 16 townships; all but the eastern tier coinciding with the Congressional townships. It ranks thirty-ninth in point of size in the state, sharing this place with Clay and Marion counties.

-
- 1/ Gue, B. F., History of Iowa. Vol. III, pp. 330-331. The Century History Co., New York City. 1903.
 - 2/ Andreas, A. T., Andreas Historical Atlas of Iowa. p. 401. Andreas Atlas Co., Chicago. 1875.
 - 3/ Iowa, A Guide to the Hawkeye State. Compiled and written by the Federal Writers' Project of the Works Progress Administration for the State of Iowa. p. 405. The Viking Press, New York City. 1938.
 - 4/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. 1. pp. 362-363.
 - 5/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 15.

the
land
and
cent
silt
4.1
into
silt
toml
loam
into

slow
has
In
are
leve
els
and
Mid
are
the
the
ing
bee
and
ing

riv

de
th
Ap

6

7
8

9

Soils

The soils of Madison County are grouped into five classes, according to their origin and location; namely, drift, loess, terrace, swamp and bottom-land, and residual soils. The drift soils cover 24.2 percent of the surface and are divided into Shelby loam--19.9 percent, and the Lindley loam--4.3 percent. The loess soils cover 63.7 percent of the area and are divided into Tama silt loam--30.3 percent, Clinton silt loam--9.3 percent, and Grundy silt loam--4.1 percent. The terrace soils cover 2.1 percent of the surface and are divided into Waukesha silt loam--1.0 percent, Bremer silt loam--0.7 percent, Jackson silt loam--0.3 percent, and Calhoun silt loam--0.1 percent. The swamp and bottomland soils cover 6.9 percent of the surface and are divided into the Wabash loam series. The residual soils cover 3.1 percent of the area and are divided into Sogn stony silt loam--2.9 percent, and Hagerstown silt loam--0.2 percent. 6/

Topography

The original surface of the county was a rather level, loess covered plain, sloping to the northeast at the rate of about 10 feet per mile. This topography has been modified by erosion and two distinct types of surface have developed. In the northwestern quarter of the south central part of the county and in the area east of Clanton Creek, from St. Charles to South River, the surface is gently level to undulating and the action of the erosion has been less extensive than elsewhere. The valleys of the streams are deeply cut, the slopes rather steep and the bottom-lands narrow. The tributary streams are short. In the area between Middle and Grand rivers in the southwestern part of the county the surface features are more extreme. Here the original surface deposits have been carried away by the stream action and the tributaries of the streams have cut back so far into the upland that there is very little area left that has not been affected by washing. The eastern part of the county, except the plain east of Clanton Creek, has been extensively cut by stream action. Broad, flat valleys along the main streams and the smaller streams have cut into the uplands so that the topography is rolling to hilly or even steep.

The drainage is mostly to the east through Clanton Creek, Middle and North rivers. Grand River crosses the county in the southwest and drains that corner. 7/

Climate

The 10-year average temperature (1930-1939 incl.) of Madison County was 49.6 degrees. 8/ The rainfall average for 40 years (1891-1930) was 32.15 inches and the mean growing season was 160 days between the average killing frost dates of April 29 and October 6, for 38 years (1892-1930). 9/

-
- 6/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Madison County. Soil Survey Report No. 26: 11. 1918.
 - 7/ Ibid. pp. 8, 10.
 - 8/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1939, inclusive. Section 51--Central Iowa. pp. 17, 19. 1933.
 - 9/ Ibid. pp. 17, 19.

of
til
4,0
res
i
til
po

i
cc
i

d
t

f

r

-

-

.

.

Population

A State census in 1849 listed 701 inhabitants in Madison County. The number of residents increased to 1,179 during the next year, but the growth was slow until the coming of the railroad in about 1868. The population then increased 4,000 in three years. The peak year was 1900--at which time there were 17,710 residents in the county. This number gradually declined until only 14,331 inhabitants were listed in 1930. The county has a density of 26 persons per square mile, as compared with the State density of 44. The following table shows the population at 10-year enumerations:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1850	1,179	-	-
1860	7,339	-	-
1870	13,884	-	-
1880	17,224	-	-
1890	15,977	-	-
1900	17,710	4,479	13,231 <u>10/</u>
1910	15,621	4,991	10,630
1920	15,020 <u>11/</u>	5,159 <u>11a/</u>	9,861
1930	14,331 <u>12/</u>	5,274	9,057
1935	-	-	8,929 <u>13/</u>

In 1930 the foreign born and native white inhabitants of foreign born or mixed parentage totaled 1,573, or 10.9 percent of the total population of the county. Those of German descent had 463, the Irish had 332 and other nationalities had very small representations. 14/

Cooperatives

In 1937 there were two cooperative institutions in operation in this county --two elevators.

As a whole, they had 329 members of which 210 were active, and 800 persons did business with the two concerns. The sales volume in 1937 was \$94,967, while the purchasing volume was \$106,125.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 15/

-
- 10/ Unless otherwise indicated, rural population figures were obtained by deducting the urban from the total population.
- 11/ Census of Iowa. 1925. pp. 712-713. 1926.
- 11a/ Ibid. pp. 925 et seq.
- 12/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 568 et seq.
- 13/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 15.
- 14/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 18-19, pp. 785-788.
- 15/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.

121,
13,
rep
193
190
1,6
in

(1)
for
whi
the
in
in
hu

yl
wa
an
Th
th

yl
ol
b
t
t
o
t

y
t
t

Fruit

Apples showed a record count of 143,030 trees and a production peak of 121,892 bushels in 1834; the poorest year was 1934 when 25,027 trees and 13,696 bushels were reported. The largest number of peach trees, 27,842, were reported in 1909 and the largest production, 3,357 bushels, was reported in 1934. There were 12,372 cherry trees and a crop of 2,315 bushels recorded in 1909, the peak year. Plums had their best year in 1909 when 17,161 trees yielded 1,603 bushels. Grapes had a record of 37,924 vines in 1874 and 173,604 pounds in 1909. The 1934 report was 10,562 vines and 61,177 pounds. 16/

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that the acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

-
- 16/ Sources: 1. Census of Iowa. 1875, 1885, 1895.
 2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
 5. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.

Y

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	2130	349179	164	93142	33	33297	29	13915	19	3413	22
1930	2230	350826	157	99112	32	37655	39	14156	21	4382	30
1931	2203	351584	160	105611	40	36139	37	9858	22	4409	29
1932	2206	353381	160	105492	44	39985	37	4885	18	5191	24
1933	2265	354202	156	100209	45	37335	14	5864	17	3999	10
1934	2268	355986	157	77513	1	4153	5	6953	7	113	3
1935	2242	355189	158	80182	38	35142	30	7781	14	1046	21
1936	2238	355521	159	93115	12	32541	22	8190	21	1001	20
1937	2224	353767	159	90482	43	34425	46	17686	16	1199	33
1938	2168	352766	163	90296	38	35536	36	11452	17	1333	30
10 Yr. Ave.	2217	353240	159	93515	33	32731	32	10074	18	2609	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	199	14	238	13	748	5031	71	4456	29162
1930	182	14	365	17	878	2910	33	4805	25701
1931	192	18	538	17	1798	1983	-	4337	22749
1932	113	15	611	16	1049	3317	14	4059	25780
1933	134	18	795	18	153	2805	21	4472	34399
1934	320	5	2436	5	25	335	18	4724	24615
1935	1741	15	5569	17	4356	105	41	5924	24678
1936	1194	13	2745	13	893	133	19	7056	29281
1937	2219	18	2678	18	1414	31	6	5993	18823
1938	1429	14	3379	18	1335	1864	90	4445	24957
10 Yr. Ave.	772	15	1935	15	1265	1851	31	5027	26014

Year	Wild Hay	All Pasture	All Other Crops	Buildings, Feedlots, Highways	Woodlots for Timber only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	763	147333	654	16389	3609	3051	3195
1930	780	140299	440	16992	4567	3185	999
1931	631	142724	755	17252	4821	3976	131
1932	553	142884	625	16987	4915	3790	507
1933	574	142189	940	16783	4405	4025	2377
1934	332	168499	960	16755	3128	3446	46720
1935	793	152327	2771	17126	2815	4340	14481
1936	698	154700	1060	17704	2032	3912	6436
1937	546	151113	1902	17176	1906	4355	7837
1938	380	150475	1789	17754	2961	4767	4833
10 Yr. Ave.	605	149254	1190	17092	3516	3885	8752

10 Year Average Acres: Flaxseed 94; Spring Wheat 61; Popcorn 15. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 2
ACREAGES AND YIELDS OF HAY
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	10,036	1.67	4,456	3.15	763	1.66	29,162	2.17
1930	8,253	1.51	4,805	2.75	780	1.33	25,701	1.91
1931	4,616	1.04	4,337	2.13	631	.98	22,749	1.33
1932	5,269	1.27	4,059	2.75	553	1.22	25,780	1.49
1933	26,195	.85	4,472	1.93	574	.42	34,399	.99
1934	10,756	.56	4,724	1.25	332	.28	24,615	.79
1935	6,253	1.36	5,924	2.26	793	1.25	24,678	1.53
1936	17,648	1.10	7,056	1.80	698	.50	25,281	1.23
1937	5,465	1.03	5,993	1.23	546	.35	18,823	1.25
1938	8,719	1.37	4,445	1.95	380	1.00	24,957	1.46
10 Yr. Ave.	10,321	1.11	5,027	2.08	605	1.01	26,014	1.42

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Crawford Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. yld.
1929	93	21235	229	4468	31	1385	24	1453	16	56	16
1930	103	21299	207	4403	34	1330	35	1671	21	193	31
1931	100	21538	213	4831	40	1194	35	1308	22	229	31
1932	98	21124	216	5062	45	1641	31	406	13	263	24
1933	98	21124	216	4613	45	1354	12	495	17	215	6
1934	96	21392	223	3712	6	-	-	933	11	-	-
1935	94	21351	227	4312	31	1466	26	1139	11	9	25
1936	81	21352	264	4580	14	1116	18	636	15	-	-
1937	101	21564	212	4818	46	1472	39	1327	12	35	27
1938	90	21252	236	4992	34	1230	29	938	17	37	30
10 Yr. Ave.	95	21288	223	4584	36	1224	23	1036	16	104	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	11	9	-	-	-	219	8	176	1454
1930	15	12	25	7	5	119	-	199	1214
1931	20	12	28	14	10	175	-	239	1449
1932	-	-	20	3	-	46	-	237	1837
1933	-	-	25	8	-	52	-	260	2186
1934	6	4	48	4	-	34	-	230	1010
1935	107	17	15	10	91	-	7	296	1449
1936	61	16	43	4	-	-	-	372	1556
1937	73	19	-	-	3	-	-	253	1346
1938	35	16	116	17	20	14	-	180	1501
10 Yr. Ave.	33	16	32	10	13	66	2	244	1500

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	307	9224	55	922	795	607	540
1930	217	9349	54	882	1257	492	142
1931	259	8923	95	849	1505	588	-
1932	153	7872	100	961	2038	660	111
1933	136	8205	116	933	2046	705	95
1934	67	9448	91	1011	1180	770	5116
1935	280	8534	116	979	1113	710	1024
1936	187	10209	91	1123	67	1257	376
1937	100	9709	211	909	110	861	392
1938	147	9695	82	1045	1021	377	16
10 Yr. Ave.	185	9117	101	961	1113	703	581

10 Yr. Ave. Acres - Spring Wheat 2

Flaxseed 2 Popcorn 0

(Acreage also shown in "All Other Crops")

* Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 4
LAND UTILIZATION AND YIELDS

Douglas Township

Year	No. Farms	Acreage in Farms	Ave. Acres	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	149	22170	149	6929	39	3179	33	555	19	300	26
1930	148	21950	148	6987	41	3236	42	532	23	506	37
1931	142	22169	156	7347	43	2976	42	489	24	416	33
1932	140	22169	158	7305	49	3265	43	315	21	538	25
1933	140	22174	158	6671	51	3011	14	441	18	358	9
1934	151	22169	147	5479	2	59	2	522	6	-	-
1935	151	22136	147	6102	44	2705	23	521	15	54	19
1936	153	22255	145	6967	17	2775	26	555	23	108	14
1937	145	22030	152	6839	44	2815	47	1464	18	73	31
1938	140	22287	159	6690	45	2624	41	988	18	134	23
10 Yr. Ave	146	22151	152	6732	42	2670	35	638	18	254	26
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	5	20	-	-	-	661	-	359	1729		
1930	6	17	10	17	5	266	18	384	1518		
1931	-	-	7	20	-	330	-	332	1440		
1932	-	-	9	30	40	354	-	271	1470		
1933	11	15	56	24	-	136	-	327	1859		
1934	45	4	124	5	-	34	-	312	1446		
1935	136	15	484	15	126	-	-	304	1597		
1936	83	17	256	14	-	3	-	324	1354		
1937	125	26	191	15	34	-	-	340	995		
1938	77	19	286	19	-	75	-	210	1369		
10 Yr. Ave	49	18	142	15	20	184	2	316	1463		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	25	7349	13	1227	445	336	73				
1930	18	7021	10	1263	586	184	-				
1931	13	6796	15	1292	745	611	22				
1932	13	6671	5	1325	846	303	14				
1933	32	7208	29	1249	620	590	39				
1934	14	7773	77	1146	767	154	4563				
1935	28	7928	151	1158	667	189	390				
1936	24	7365	74	1192	937	87	478				
1937	23	7304	120	1156	531	17	293				
1938	25	7917	145	1191	532	40	269				
10 Yr. Ave	22	7333	64	1220	673	251	615				

10 Yr. Ave. Acres - Spring Wheat 2
Flaxseed 1 Popcorn 1

* Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.
(Acreages also shown in "All Other Crops")

TABLE 5
LAND UTILIZATION AND YIELDS

Grand River Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	117	20102	172	5416	30	2274	23	50	18	62	22
1930	115	20822	181	6386	31	2659	33	96	19	148	32
1931	115	20841	181	6217	36	2575	30	67	19	204	27
1932	115	20811	181	6174	40	2546	31	43	15	140	22
1933	126	20820	165	5839	41	2745	13	21	16	51	8
1934	126	20837	165	4833	4	484	2	55	12	-	-
1935	126	20827	165	4576	24	1981	22	81	12	-	-
1936	125	20840	167	5047	7	2356	14	225	17	6	9
1937	120	20025	167	5126	38	2301	41	555	12	38	17
1938	121	19216	159	4646	40	2504	34	177	10	16	18
10 Yr. Ave.	121	20514	170	5426	33	2242	26	137	14	66	24
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	25	12	19	8	192	588	10	73	2139		
1930	-	-	3	17	252	365	-	130	1907		
1931	5	6	-	-	440	9	-	123	1713		
1932	1	50	20	9	138	251	-	81	2045		
1933	-	-	10	20	15	411	-	150	2604		
1934	-	-	11	7	-	-	18	162	2835		
1935	73	10	286	7	954	44	-	213	1863		
1936	92	9	4	10	316	5	-	221	2063		
1937	239	13	59	9	428	-	-	107	1554		
1938	180	7	35	23	450	11	-	148	1409		
10 Yr. Ave.	62	11	45	9	318	168	3	141	2013		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	191	8224	41	972	169	175	143				
1930	153	7768	32	1068	109	152	89				
1931	92	8212	3	989	198	126	-				
1932	166	8217	30	1024	89	136	42				
1933	152	7965	55	1053	30	130	150				
1934	79	9147	47	997	20	31	2280				
1935	163	8714	20	1020	39	681	376				
1936	141	9088	294	1001	40	79	88				
1937	148	8042	115	1036	61	249	74				
1938	36	8535	132	995	71	22	8				
10 Yr. Ave.	132	8391	77	1016	83	178	325				

10 Yr. Ave. - Spring Wheat 0

Popcorn .5 Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

TABLE 6
LAND UTILIZATION AND YIELDS

Jackson Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	131	21965	168	6952	36	2993	33	1217	21	593	24
1930	128	21665	169	7794	37	2776	42	944	20	478	32
1931	124	21450	173	8623	43	2743	36	480	23	504	29
1932	127	21660	171	8129	48	3429	39	164	20	649	26
1933	142	22894	161	8118	52	3127	14	248	15	575	12
1934	140	22825	163	5755	-	1095	5	420	5	-	-
1935	138	22822	165	6768	43	3341	32	462	15	263	20
1936	137	22842	167	7545	18	2716	25	499	21	185	15
1937	151	22767	151	6938	47	2747	54	1153	19	179	30
1938	146	22793	156	7060	39	2936	40	555	17	166	31
10 Yr. Ave.	136	22368	164	7369	41	2790	34	614	19	359	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	15	23	-	-	20	393	-	274	1511
1930	35	17	8	7	32	213	-	295	1543
1931	20	18	58	23	43	54	-	268	1136
1932	13	10	-	-	-	220	10	185	1611
1933	40	18	80	18	-	96	-	245	2141
1934	27	14	405	3	25	-	-	313	1720
1935	149	16	1062	15	242	-	-	331	1502
1936	120	16	446	12	-	-	-	506	1922
1937	186	25	408	21	49	-	-	498	1328
1938	147	23	603	20	89	141	6	310	1758
10 Yr. Ave.	75	20	307	15	50	112	2	328	1617

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	26	6251	8	1218	722	23	406
1930	43	6142	7	1139	715	6	3
1931	50	6021	69	1119	576	8	-
1932	-	6238	33	1098	286	-	-
1933	25	7274	48	1128	55	-	35
1934	20	7803	7	1238	55	-	4255
1935	5	7385	332	1394	20	-	97
1936	55	7954	7	1335	-	7	51
1937	37	7442	31	1401	-	-	868
1938	51	7447	25	1367	158	132	293
10 Yr. Ave.	31	6996	37	1244	259	18	601

10 Yr. Ave. Acres.- Spring Wheat 8

*Included in "All Tame Hay."

Popcorn 0 Flaxseed 4

Source: Division of Agricultural Statistics,

(Acreages also shown in "All Other Crops")

Iowa Department of Agriculture.

TABLE 7
LAND UTILIZATIONS AND YIELDS

Jefferson Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	122	22874	187	5957	38	2014	30	1990	21	125	23
1930	119	22780	191	5934	33	2502	45	1946	23	136	29
1931	117	22394	191	6901	43	2234	35	1213	21	144	32
1932	116	22598	195	6635	44	2442	38	792	20	214	23
1933	121	22897	189	6211	49	2709	14	852	19	110	6
1934	115	22385	199	4923	-	-	-	1118	4	-	-
1935	117	23082	197	4835	45	2790	37	967	18	-	-
1936	117	22933	196	5835	15	2334	26	1055	26	10	12
1937	115	23068	201	5842	46	2081	45	1890	17	43	22
1938	120	22772	190	5502	39	1937	35	1586	19	12	15
10 Yr. Ave.	118	22828	194	5858	40	2104	34	1341	19	79	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	5	16	24	16	-	68	-	312	1409
1930	6	11	-	-	-	-	-	358	1664
1931	36	31	-	-	6	-	-	339	1620
1932	-	-	41	18	-	-	-	318	1629
1933	2	26	-	-	-	-	-	395	2257
1934	15	6	-	-	-	-	-	450	1310
1935	182	16	237	17	152	-	-	572	1526
1936	62	15	113	17	30	57	5	585	1967
1937	106	19	215	18	144	-	-	524	1316
1938	33	11	212	19	66	408	-	356	1703
10 Yr. Ave.	45	17	84	18	40	53	.5	421	1640

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	42	9755	34	1099	148	86	186
1930	34	9005	8	1328	95	114	8
1931	22	8856	43	1275	-	44	-
1932	3	9441	13	1222	70	78	18
1933	14	9283	33	1148	68	125	85
1934	8	10265	4	1173	20	49	4000
1935	48	10321	41	1197	15	102	669
1936	17	9654	38	1313	-	129	371
1937	23	9536	40	1172	144	135	381
1938	17	9879	85	1170	25	136	409
10 Yr. Ave.	23	9600	34	1210	53	100	613

10 Yr. Ave. Acres - Spring Wheat 2

*Included in "All Tame Hay."

Popcorn 2 Flaxseed 2

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

TABLE 8
LAND UTILIZATION AND YIELDS

Lee Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	75	21128	282	5877	34	2016	28	969	17	134	20
1930	75	20921	279	5928	33	2275	31	1104	20	198	29
1931	74	20121	272	6226	38	2019	34	674	19	180	27
1932	81	21261	262	6153	39	2538	34	431	14	209	21
1933	80	21042	263	6069	46	2459	16	416	18	287	7
1934	74	20779	281	4561	7	-	-	336	7	-	-
1935	78	21066	270	4899	35	2261	21	480	12	33	11
1936	78	20838	267	5014	15	2275	17	448	15	30	19
1937	83	20833	251	5324	37	2168	39	1373	14	68	33
1938	80	21006	263	5148	34	2221	30	608	14	151	25
10 Yr. Ave.	78	20898	269	5520	35	2023	28	684	16	129	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	80	11	-	-	35	220	-	200	1578
1930	30	13	13	8	100	9	-	171	1418
1931	12	13	-	-	242	83	-	118	1535
1932	17	7	3	10	205	450	-	70	1453
1933	8	26	18	12	95	290	-	62	1983
1934	47	4	40	8	-	-	-	155	217
1935	211	13	22	18	140	-	-	42	1051
1936	170	12	64	10	12	20	-	163	1407
1937	122	16	123	14	20	-	-	209	612
1938	163	14	13	17	-	373	-	275	1705
10 Yr. Ave.	86	13	30	12	85	144	0	146	1296

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	61	8441	77	837	92	414	517
1930	165	8604	30	891	10	67	88
1931	87	7823	56	783	-	469	15
1932	117	8744	36	699	225	344	87
1933	55	8120	61	785	147	316	223
1934	6	9588	-	711	165	350	4758
1935	64	9194	90	755	-	636	1220
1936	-	9682	15	791	37	354	539
1937	76	9048	166	845	40	315	533
1938	-	9468	56	927	-	463	83
10 Yr. Ave.	63	8871	59	802	72	373	806

10-Year Average Acres: Flaxseed 0; Spring Wheat 21; Popcorn 0. (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 9
LAND UTILIZATION AND YIELDS

Lincoln Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	143	19845	139	5791	31	1356	27	613	21	226	16
1930	137	19308	141	6502	32	2534	40	502	25	190	34
1931	144	21302	148	6439	40	2057	43	545	26	306	28
1932	160	21689	136	6509	46	1923	46	189	20	346	25
1933	157	21492	137	6221	47	1967	15	287	22	271	11
1934	163	22681	139	4990	-	171	3	217	5	-	-
1935	155	21819	141	5010	38	2138	25	341	12	5	35
1936	155	21863	141	5547	12	1356	23	449	26	80	15
1937	157	21515	137	5542	41	1984	46	1046	18	101	37
1938	155	21555	139	6065	40	2000	34	548	17	126	32
10 Yr Ave	153	21307	140	5862	36	1854	33	474	20	165	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	56	13	2	-	12	307	1922
1930	-	-	111	16	42	407	12	291	1684
1931	-	-	91	15	123	30	-	303	1326
1932	20	10	56	13	-	184	-	339	1737
1933	2	13	10	15	-	90	-	319	2294
1934	-	-	230	5	-	-	-	230	927
1935	20	14	274	16	100	-	-	439	1490
1936	80	12	169	11	65	-	-	428	1585
1937	76	16	177	18	40	-	-	318	910
1938	50	18	59	22	85	147	12	243	1350
10 Yr Ave	25	14	123	14	46	86	4	322	1522

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	8181	1	662	-	518	-
1930	-	6454	-	719	87	405	16
1931	-	8727	17	1013	148	496	14
1932	-	9643	12	1051	20	178	-
1933	4	8502	61	1004	424	162	283
1934	5	12563	82	969	139	130	2258
1935	35	9947	226	1052	37	153	986
1936	-	10565	11	1057	28	170	201
1937	5	9730	162	1025	100	93	524
1938	16	8911	-	1097	82	520	634
10 Yr Ave	6	9322	57	965	106	283	492

10 Year Average Acres: Flaxseed 8 ; Spring Wheat 1 ; Popcorn .1 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 10
LAND UTILIZATION AND YIELDS

Madison Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	117	19921	170	5672	42	2488	36	1913	23	234	26
1930	145	22251	153	6917	31	2757	42	1697	23	204	29
1931	135	22053	163	7435	45	2900	42	1027	24	241	37
1932	135	22297	165	7146	44	3295	41	746	22	212	35
1933	129	22011	171	6475	48	3070	15	846	17	351	14
1934	132	22134	168	5328	9	161	3	639	7	-	-
1935	133	22023	166	5437	46	2742	37	957	18	149	29
1936	135	22061	163	6380	14	2164	32	1027	26	141	30
1937	130	22007	169	5759	51	2361	54	1640	18	123	39
1938	130	22027	169	6292	37	2283	37	1419	20	274	36
10 Yr. Ave.	132	21878	166	6284	40	2422	37	1111	20	193	29

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	10	20	-	-	-	135	-	374	1226
1930	7	10	22	22	-	249	3	386	1303
1931	10	21	56	13	-	29	-	346	900
1932	10	15	20	10	-	146	-	314	1278
1933	27	22	74	21	-	-	-	243	1646
1934	38	4	361	3	-	17	-	355	1048
1935	131	20	840	19	-	-	-	393	1294
1936	41	19	452	13	-	46	-	539	1372
1937	107	24	446	21	-	-	-	494	1028
1938	44	10	655	5	-	20	-	499	1281
10 Yr. Ave.	42	19	293	13	0	64	.3	394	1238

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	18	7166	26	964	118	44	42
1930	30	7562	19	976	450	294	10
1931	13	7643	5	1019	724	80	-
1932	25	7621	16	1057	338	533	-
1933	22	7606	48	990	341	505	10
1934	-	7158	3	930	315	227	5936
1935	19	8167	348	1018	300	204	417
1936	9	8829	54	1069	7	183	333
1937	-	8801	71	1071	-	104	496
1938	-	8220	57	1132	-	-	370
10 Yr. Ave.	14	7877	65	1023	259	217	761

10 Yr. Ave. Acres - Spring Wheat 0

*Included in "All Tame Hay."

Popcorn 6 Flaxseed 8 Source: Division of Agricultural Statistics,
(Acreages also shown in "All Other Crops") Iowa Department of Agriculture.

TABLE 11
LAND UTILIZATION AND YIELDS

Monroe Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	126	22551	179	5330	22	1827	17	206	13	268	10
1930	144	22212	154	5623	29	2655	29	136	19	320	22
1931	163	22686	139	5905	32	2462	28	154	21	307	28
1932	165	22336	135	6081	36	2319	27	32	18	433	18
1933	163	22626	139	5658	36	1967	9	151	7	183	7
1934	163	22778	140	4554	9	28	9	112	4	-	-
1935	168	22833	136	3909	25	1855	24	119	4	33	15
1936	165	22868	139	4910	9	1852	14	113	14	24	9
1937	157	22863	146	4788	39	1990	41	452	14	-	-
1938	155	22900	148	4750	40	2200	34	430	16	50	30
10Yr. Ave.	157	22665	144	5151	31	1916	25	190	13	162	18

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	4	4	31	130	-	36	2231
1930	23	7	-	-	81	143	-	54	1930
1931	20	10	-	-	250	138	-	61	1773
1932	-	-	-	-	160	343	-	65	1917
1933	5	6	-	-	29	440	-	87	2383
1934	30	2	-	-	-	28	-	98	2748
1935	113	9	7	12	651	51	-	123	1995
1936	97	8	5	25	17	-	-	157	2562
1937	250	20	-	-	45	-	-	154	1686
1938	230	9	-	-	50	-	-	185	1860
10Yr. Ave.	77	12	2	14	131	127	0	102	2108

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	27	11507	-	891	6	4	219
1930	32	9813	20	1194	98	130	157
1931	26	10285	30	1244	66	149	15
1932	34	9682	15	1280	106	219	58
1933	92	9945	27	1282	47	300	557
1934	105	9735	62	1212	94	324	3774
1935	81	10331	44	1244	63	282	2106
1936	14	11322	-	1241	20	336	355
1937	52	11440	-	1259	30	335	536
1938	50	11600	-	1260	30	300	90
10Yr. Ave.	51	10566	20	1211	56	238	787

10-Year Average Acres: Flaxseed 0; Spring Wheat 2; Popcorn 2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 12
LAND UTILIZATION AND YIELDS

Ohio Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	134	21208	158	5115	29	1339	22	425	15	66	15
1930	139	20903	150	5278	26	1916	38	434	19	157	20
1931	140	21375	153	5541	40	1911	38	329	23	152	27
1932	124	21494	173	6231	46	1937	40	58	10	86	25
1933	139	21357	154	6003	36	1724	14	213	10	95	6
1934	150	21377	164	4329	2	267	4	312	4	-	-
1935	137	21377	156	4200	36	1674	36	234	10	21	20
1936	132	21370	162	5255	9	1725	16	194	11	22	22
1937	126	21350	169	4966	43	2019	46	597	12	4	14
1938	125	21188	170	5243	39	2139	36	163	13	-	-
10 Yr. Ave.	133	21300	161	5216	35	1670	32	301	14	60	20

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	30	369	-	192	2258
1930	-	-	-	-	25	144	-	212	1840
1931	-	-	-	-	19	421	-	147	1648
1932	-	-	5	10	207	486	1	189	1636
1933	-	-	-	-	10	260	-	199	2181
1934	15	3	165	5	-	41	-	295	2201
1935	37	17	49	15	233	-	-	345	1575
1936	34	13	-	-	12	2	-	361	2035
1937	154	14	32	17	138	-	-	357	849
1938	7	13	55	19	64	318	-	231	1767
10 Yr. Ave.	25	14	31	11	74	204	.1	253	1799

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	15	10907	2	830	35	76	60
1930	-	9986	-	832	298	62	25
1931	10	10702	74	774	135	40	40
1932	-	10609	16	652	-	56	-
1933	-	10204	49	801	60	-	17
1934	-	11004	65	743	-	5	2271
1935	-	11523	101	708	-	-	1017
1936	2	10337	22	1042	95	87	508
1937	17	10629	224	1049	65	85	522
1938	-	9841	122	1137	-	243	407
10 Yr. Ave.	4	10575	68	857	69	65	487

10 Year Average Acres: Flaxseed 9 ; Spring Wheat 3 ; Popcorn .4 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 13
LAND UTILIZATION AND YIELDS

Penn Township

Lehigh Township											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	156	22433	165	7670	42	3097	43	1501	25	532	29
1930	144	22335	155	7567	37	3171	47	1745	23	507	30
1931	142	22458	158	8376	50	3357	46	1245	24	420	36
1932	137	22511	164	8714	51	3419	42	761	23	450	27
1933	146	21980	151	7799	54	3404	21	949	19	368	17
1934	146	22119	152	6304	6	1088	6	856	8	113	3
1935	141	22427	159	6853	46	3755	38	676	16	185	21
1936	140	22357	160	7991	14	2659	34	897	25	197	29
1937	140	22354	160	6307	35	2662	55	1335	17	237	37
1938	134	22429	167	7435	39	2955	42	1260	17	179	37
10 Yr. Ave.	141	22345	159	7602	41	2957	39	1172	20	324	28
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	45	17	26	253	41	472	1639		
1930	-	-	102	24	-	183	-	417	1731		
1931	6	23	181	17	33	29	-	455	1002		
1932	6	20	264	19	18	-	3	441	1524		
1933	-	-	262	21	-	15	-	488	2055		
1934	5	2	404	6	-	30	-	469	1704		
1935	104	13	1203	20	65	-	-	535	1363		
1936	64	16	601	17	30	-	-	665	1771		
1937	69	19	495	19	-	-	-	503	1132		
1938	43	17	639	24	21	12	10	274	1608		
10Yr. Ave.	30	16	420	19	19	53	5	472	1553		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	-	6250	266	1356	-	-	10				
1930	-	5391	117	1054	-	-	-				
1931	-	5823	182	1333	-	-	-				
1932	-	6044	39	1249	-	20	-				
1933	-	5722	97	1249	-	40	35				
1934	-	9768	29	1328	-	-	520				
1935	-	6383	404	1288	-	-	148				
1936	-	6190	134	1250	-	-	573				
1937	-	5155	94	1270	-	-	1548				
1938	-	5399	185	1256	-	92	347				
10 Yr. Ave.	0	6512	155	1263	0	15	318				

10 Year Average Acres: Flaxseed 21 ; Spring Wheat 2 ; Popcorn 0 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 14
LAND UTILIZATION AND YIELDS

Scott Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	185	23000	124	6613	28	2085	25	567	17	263	18
1930	181	23103	128	6603	29	2911	40	545	21	316	25
1931	187	23000	123	7102	39	2390	39	505	21	288	28
1932	187	22979	123	7358	44	2727	38	155	16	237	23
1933	185	22870	124	6958	42	2729	13	196	14	157	13
1934	186	22863	123	5153	6	70	10	35	3	-	-
1935	170	22168	130	5464	39	2063	31	144	12	42	24
1936	165	22670	137	6647	10	2256	21	330	23	69	14
1937	173	22674	131	6677	46	2500	50	865	17	43	32
1938	173	22600	131	6550	39	2379	38	523	21	35	22
10 Yr. Ave	179	22793	127	6512	36	2261	33	386	19	145	22

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	8	20	24	12	48	654	-	420	2020
1930	23	19	30	14	28	231	-	454	1500
1931	22	18	38	24	80	234	-	361	1433
1932	14	18	89	15	4	333	-	296	1503
1933	17	12	94	18	-	399	-	310	1870
1934	-	-	410	5	-	34	-	382	1675
1935	38	13	414	17	159	-	-	477	1541
1936	19	8	228	12	16	-	-	611	2191
1937	150	10	192	18	23	20	-	427	1225
1938	38	15	231	25	4	45	25	236	1648
10 Yr. Ave	33	13	175	15	36	205	2	397	1661

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	10004	13	1161	53	119	21
1930	-	9850	23	1164	-	110	-
1931	-	9907	24	1096	110	5	-
1932	2	9729	26	1116	-	19	-
1933	1	9648	55	1094	-	6	45
1934	-	11627	215	1078	35	329	2236
1935	-	9193	186	1024	123	141	1631
1936	165	9120	24	1137	272	103	93
1937	-	9295	156	936	53	291	268
1938	-	8857	246	1034	104	373	53
10 Yr. Ave	17	9724	97	1084	75	150	435

10 Year Average Acres: Flaxseed 6 ; Spring Wheat 1 ; Popcorn .2 ; (Acreages Also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 15
LAND UTILIZATION AND YIELDS

South Township

South Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	154	20339	135	4895	28	1372	22	1300	14	52	20
1930	138	21263	113	5125	26	1613	31	1202	16	184	31
1931	167	21055	126	5821	39	1522	35	797	21	190	30
1932	163	21563	132	5826	42	1761	33	458	12	328	23
1933	173	21565	125	5752	44	1139	13	461	14	200	6
1934	171	21564	126	4085	5	18	3	764	10	-	-
1935	160	21565	135	4130	35	1122	30	714	11	78	22
1936	157	21565	137	5440	12	1109	18	722	16	51	15
1937	159	21565	136	5224	45	1354	48	1376	17	34	17
1938	160	21559	135	5143	37	1493	32	989	15	24	12
10 Yr. Ave	165	21410	130	5149	35	1251	30	878	15	114	22

Year	RYE		SOYBEANS		GLASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	1	20	10	6	-	252	-	255	2054
1930	11	15	-	-	15	143	-	319	1580
1931	8	15	16	14	-	48	-	282	1562
1932	5	24	33	12	22	203	-	311	1891
1933	10	30	-	-	-	288	-	296	2679
1934	41	3	19	7	-	-	-	237	1054
1935	97	14	31	13	82	-	11	373	1396
1936	61	13	-	-	-	-	-	370	1829
1937	85	16	-	-	40	-	-	326	1117
1938	36	8	17	12	43	37	5	266	1513
10 Yr. Ave	36	13	13	11	20	98	2	308	1668

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	-	9469	9	878	280	312	207
1930	6	9035	75	991	568	609	244
1931	27	9126	50	1059	267	594	16
1932	18	8712	169	989	651	648	52
1933	31	8815	176	938	498	564	302
1934	12	10373	124	962	247	612	2753
1935	23	10004	181	1051	220	553	1822
1936	36	9604	125	1002	395	569	622
1937	11	9610	121	980	278	734	601
1938	16	9181	235	1021	525	798	520
10 Yr. Ave.	18	9443	126	987	393	599	714

10 Year Average Acres: Flaxseed 0 ; Spring Wheat 4 ; Popcorn .2 ; (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 16
LAND UTILIZATION AND YIELDS

Union Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	98	22574	230	5396	36	1486	29	744	18	180	22
1930	109	22575	207	5438	31	1839	39	1004	19	186	27
1931	104	22812	219	5396	35	1526	38	563	21	299	25
1932	111	22388	202	5914	47	1793	41	184	17	378	27
1933	111	22355	201	5383	44	1734	11	190	15	241	7
1934	111	22246	200	4319	8	36	1	311	5	-	-
1935	110	22170	202	4573	39	1809	32	690	14	55	22
1936	117	22151	189	4946	13	1358	21	759	21	45	9
1937	106	22050	208	4855	45	1817	46	1126	16	51	26
1938	100	22654	227	4713	36	1573	34	641	17	58	24
10 Yr. Ave	108	22398	208	5193	37	1497	33	621	17	149	22

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	23	18	56	10	4	392	-	507	1661
1930	8	25	22	16	40	220	-	541	1493
1931	5	22	33	18	113	300	-	409	1459
1932	23	19	10	31	24	208	-	237	1436
1933	10	10	18	26	-	293	21	427	1783
1934	15	4	80	5	-	-	-	385	897
1935	158	16	159	14	20	-	-	435	1241
1936	64	18	114	12	-	-	4	694	1583
1937	115	23	137	21	4	-	-	539	999
1938	88	20	184	20	-	108	27	304	1179
10 Yr. Ave	51	18	81	16	20	152	5	453	1373

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	8	11120	33	941	440	237	245
1930	4	10909	29	1070	250	277	6
1931	2	11260	24	1092	307	233	-
1932	-	11378	22	937	168	71	-
1933	-	11357	14	1012	-	36	56
1934	-	15344	-	1013	-	39	192
1935	-	12447	4	1014	-	-	-
1936	-	11684	77	897	-	127	493
1937	3	11001	9	1021	-	628	284
1938	4	12696	24	967	-	286	214
10 Yr. Ave	2	11920	24	1001	116	193	149

10 Year Average Acres: Flaxseed 2 ; Spring Wheat 4 ; Popcorn 1 ; (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 17
LAND UTILIZATION AND YIELDS

Walnut-Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	140	22590	161	4784	26	1637	18	182	15	85	17
1930	147	21892	149	5359	24	1785	35	230	18	284	28
1931	148	21961	148	5444	30	1667	32	176	19	233	25
1932	141	21880	155	5454	42	1992	32	107	17	255	21
1933	145	21853	151	5353	33	1881	11	36	9	262	8
1934	152	21976	145	4178	6	254	4	123	3	-	-
1935	137	21981	160	3635	38	1106	27	45	13	23	15
1936	158	22068	140	4344	12	1523	15	111	14	5	8
1937	140	22522	161	4799	38	1415	41	493	15	4	25
1938	129	21638	168	4066	38	1459	33	401	16	11	41
10 Yr. Ave.	144	22036	153	4792	32	1472	27	191	15	116	20

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	6	10	-	-	140	369	-	201	1966
1930	8	11	-	-	143	124	-	227	1499
1931	11	10	29	14	190	103	-	174	1225
1932	4	14	21	19	53	-	-	226	1187
1933	-	-	-	-	4	35	-	275	1757
1934	5	6	54	7	-	97	-	333	2682
1935	6	10	44	15	324	-	23	476	1928
1936	37	13	22	12	13	-	-	379	1778
1937	110	16	12	14	100	11	6	322	1066
1938	72	9	83	20	153	145	5	240	1441
10 Yr. Ave.	26	13	26	15	112	88	3	285	1653

Year	Wild Hay Acres	All Pasture Acres	All Other Crops	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	32	11948	76	927	259	73	475
1930	44	11080	1	994	10	249	206
1931	11	11337	25	1041	32	488	2
1932	-	11070	65	1000	47	500	125
1933	-	10842	-	860	50	500	308
1934	12	11676	134	941	55	406	1456
1935	30	11541	402	910	17	359	1588
1936	25	11672	-	933	1	134	970
1937	19	13001	150	802	202	136	202
1938	10	11504	163	951	116	582	621
10 Yr. Ave.	18	11572	102	936	79	343	595

10 Year Average Acres: Flaxseed 24 ; Spring Wheat 7 ; Popcorn 1 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 18
LAND UTILIZATION AND YIELDS

Webster Township

Webster Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	119	21795	183	5306	35	2028	26	168	21	225	21
1930	119	22660	190	6369	35	2385	37	280	24	362	30
1931	111	21790	196	5945	36	2413	27	233	19	281	21
1932	108	21785	202	5840	42	2729	28	44	15	338	19
1933	117	22211	190	5531	44	2071	9	52	12	250	10
1934	114	22315	196	4229	-	378	3	132	8	-	-
1935	125	22471	180	4666	33	2091	27	139	8	86	19
1936	125	22435	179	5140	12	2207	19	82	18	28	17
1937	112	21851	195	5229	42	2429	41	391	15	102	34
1938	105	21890	208	4917	32	2907	34	182	11	60	16
10 Yr.Ave.	116	22120	192	5317	36	2164	28	170	16	173	21

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	10	15	-	-	200	274	-	212	2083
1930	-	-	-	-	50	-	-	290	1666
1931	17	18	-	-	235	-	-	303	1233
1932	-	-	20	20	102	40	-	356	1396
1933	2	22	130	9	-	-	-	325	2422
1934	41	4	85	4	-	20	-	211	792
1935	167	14	436	15	928	10	-	429	1681
1936	109	10	228	9	364	-	10	580	2057
1937	245	17	191	11	316	-	-	538	1469
1938	156	15	177	14	277	10	-	416	1592
10 Yr.Ave.	75	14	127	12	247	35	1	366	1639

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	10411	-	1319	45	-	-
1930	18	10211	10	1279	30	-	-
1931	-	10260	22	1129	2	20	-
1932	10	10157	22	1096	31	-	-
1933	-	10436	65	1080	19	29	74
1934	-	13583	-	1078	18	-	1979
1935	5	9544	245	1141	200	312	830
1936	15	10221	77	1144	128	272	353
1937	21	9279	212	1035	242	357	233
1938	8	9344	222	980	267	359	442
10 Yr.Ave.	8	10350	33	1133	98	135	396

10 Year Average Acres: Flaxseed 8 ; Spring Wheat 3 ; Popcorn .1 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 19
LAND UTILIZATION AND YIELDS
Total Incorporated Town Data

Bevington, Earlham, Macksburg, Patterson, Peru, St Charles, Truro, Winterset.

Devington, Lathin, Mackburg, Patterson, Reid, St Charles, Tule, Winterest.

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	91	2899	32	961	36	170	26	57	14	12	27
1930	89	2837	32	899	31	256	43	38	14	13	28
1931	90	2779	31	1012	38	193	36	53	19	15	30
1932	98	2836	29	961	46	224	30	-	-	65	20
1933	93	2931	32	1055	44	244	17	10	20	25	7
1934	98	3046	31	781	3	44	4	68	6	-	-
1935	102	3031	30	763	35	243	26	72	16	10	-
1936	98	3053	31	1027	11	260	24	38	18	-	-
1937	109	2929	27	949	48	310	46	98	8	16	32
1938	105	3000	29	1034	39	196	35	44	19	-	-
10 Yr. Ave	97	2939	30	949	37	214	31	48	13	16	20

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	20	49	-	86	282
1930	10	2	19	16	60	39	-	77	211
1931	-	-	1	15	14	-	-	77	295
1932	-	-	-	-	76	23	-	73	230
1933	-	-	18	11	-	-	-	64	299
1934	-	-	-	-	-	-	-	57	349
1935	12	11	6	9	89	-	-	91	286
1936	-	-	-	-	18	-	-	101	249
1937	7	33	-	-	30	-	-	84	191
1938	30	20	14	10	13	-	-	72	273
10 Yr. Ave	6	17	6	12	32	11	0	78	266

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots, for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	11	1126	0	185	2	27	46
1930	16	1119	5	148	4	34	5
1931	19	973	21	145	6	25	7
1932	12	1056	6	181	-	25	-
1933	10	1007	6	177	-	17	63
1934	4	1144	20	225	18	20	373
1935	12	1161	80	173	1	13	160
1936	8	1204	17	177	5	18	32
1937	11	1091	20	159	-	15	32
1938	-	931	10	224	30	44	57
10 Yr. Ave	10	1036	18	179	7	24	78

10 Year Average Acres: Flaxseed 0 ; Spring Wheat 0 ; Popcorn 1 . (Acreages as shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 20
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	13,630	4,645	6,231	632	-	40,408
1880	28,320	9,299	10,025	856	3,155	60,911
1890	51,023	13,254	16,400	598	2,691	76,305
1900	56,911	11,529	14,295	738	13,541	81,343
1910	45,328	9,773	16,564	900	7,372	66,720
1920	40,596	6,897	14,021	991	22,803	74,238
1925	46,470	10,104	11,359	1,212	21,383	100,093
1930	39,112	9,533	9,944	963	26,979	117,376
1935	32,532	11,059	7,703	644	16,434	46,124
1936	36,143	10,324	7,749	727	27,377	67,548
1937	35,816	9,978	7,702	619	23,556	57,240
1938	36,649	9,912	7,601	636	20,075	70,275
1939	37,613	10,046	7,320	652	22,277	80,927

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted State farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 21 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State farm assessors' figures.

*Includes Milk Cows.

TABLE 21
LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Crawford	259	27	1915	441	1668	235	13	1564	486	1242
Douglas	499	45	1797	747	3646	530	49	2229	670	3397
Grand River	425	41	2048	1108	2377	386	25	1662	908	1506
Jackson	607	47	2953	1251	5336	591	32	2595	1191	4281
Jefferson	442	26	2739	1054	3963	445	20	2836	971	3642
Lee	316	28	2202	1006	2970	287	23	1739	384	2624
Lincoln	399	42	1824	2201	2889	464	33	1705	873	2550
Madison	443	40	2292	2011	4046	455	40	2379	1820	3744
Monroe	421	47	1859	901	2384	289	25	1609	746	1657
Ohio	424	24	2139	591	3703	419	27	1924	790	2550
Penn	626	43	3003	1243	4800	655	46	2828	1636	3939
Scott	507	20	1677	975	3936	490	21	1477	622	2342
South	463	43	1954	979	2843	459	43	1778	912	1949
Union	433	46	2187	1380	2119	437	35	1846	1044	2088
Walnut	412	33	1687	780	2308	382	34	1367	1008	1837
Webster	462	41	2223	1011	3303	426	44	2333	1186	3191
ALL TOWNS	52	4	300	106	296	66	4	214	167	123
COUNTY	7190	597	34799	17785	52587	7016	514	32085	15414	42662

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Crawford	233	27	569	358	1348	268	41	1824	491	2023
Douglas	526	49	2218	660	4328	469	45	2180	598	4742
Grand River	430	24	1934	1088	2191	448	18	1954	1089	2994
Jackson	536	28	2631	1225	4343	495	18	3080	1372	6238
Jefferson	433	25	2813	730	4217	419	26	2831	1095	5201
Lee	271	23	1743	377	2868	246	20	1639	419	3160
Lincoln	417	41	1721	703	3373	466	36	2048	721	4106
Madison	421	52	2484	989	3746	393	50	2417	1978	5121
Monroe	352	36	2110	737	1899	360	40	2530	750	2410
Ohio	381	29	1950	645	3303	385	28	1829	760	4212
Penn	617	21	2905	1506	4950	570	25	2951	1501	6074
Scott	594	35	2027	1163	3959	533	38	2025	820	4912
South	462	49	1723	730	2500	450	51	1641	862	3413
Union	442	31	2200	1188	1699	417	31	1799	1551	2845
Walnut	379	33	1504	871	2237	378	63	1575	1038	2807
Webster	430	35	2619	773	3852	403	25	2430	703	3918
ALL TOWNS	63	2	239	203	287	56	2	221	267	255
COUNTY	6987	540	33390	13946	51100	6756	557	34974	16015	64431

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 20 for magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 22
CREAMERY STATISTICS
1922-1939

Year	Number of Creameries In County	Butter Made	Butter Sold in Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1922	1	41	41	*
1923	1	60	60	*
1924	1	46	42	4
1925	1	75	71	4
1926	1	66	64	2
1927	1	73	*	*
1928	1	77	77	*
1929	1	116	116	*
1930	2	219	125	94
1931	2	507	265	234
1932	2	518	278	241
1933	2	372	218	*
1934	2	454	213	239
1935	2	765	591	*
1936	2	913	913	*
1937	2	976	93	782
1938	2	1,268	169	1,099
1939	*	*	*	*

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Not given in source.

TABLE 23
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	79,977	467,782
1885	137,690	436,826
1890	297,797	1,006,553
1895	135,352	364,466
1900	204,150	1,368,340
1905	228,243	356,522
1910	298,343	1,299,680
1915	297,574	1,600,011
1920	276,879	1,307,287
1925	277,056	1,229,020
1930	275,993	1,697,781
1935	194,629	1,167,986

Source: U.S. Agricultural Census.
Iowa Agricultural Census.

TABLE 24
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	2227	2007	1512	493	4	277	20	0	38	0
1932	2207	1974	1438	251	5	265	15	2	79	4
1934	2271	2035	167	294	1	8	24	8	161	4
1936	2237	1976	1385	420	2	61	123	<u>1/</u>	225	1
1938	2133	1941	1463	488	4	71	118	<u>1/</u>	306	0
Average	2215	1987	1193	389	3	136	60	3	162	2
Year	Pop-corn	HAY CROPS								Wild Hay
		Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	1	456	701	49	<u>1/</u>	539	247	11	67	92
1932	4	265	568	159	113	626	269	71	162	64
1934	0	165	639	649	103	322	82	55	688	55
1936	3	933	804	338	132	<u>1/</u>	<u>1/</u>	<u>1/</u>	106	92
1938	9	590	547	971	165	<u>1/</u>	<u>1/</u>	<u>1/</u>	178	48
Average	3	482	652	433	128	496	199	46	240	70
Year	GRASS SEED				LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover	All Pasture	Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	55	211	4	2140	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1501
1932	56	172	3	2012	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1572
1934	1	23	1	2182	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1105
1936	42	9	3	2122	1672	237	1816	580	1577	1205
1938	78	133	12	2027	1682	254	1878	603	1668	1439
Average	46	110	5	2097	1677	246	1847	592	1622	1364
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	488	243	1765	978	270	119	194	297	45	25
1932	470	181	1660	767	391	273	276	243	16	56
1934	436	113	1631	722	223	112	121	358	1405	83
1936	548	113	1610	1132	403	228	104	328	424	204
1938	755	138	1736	1443	<u>1/</u>	<u>1/</u>	148	417	393	319
Average	539	158	1680	1008	322	183	169	329	457	137

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

1/ Not given in source.

TABLE 25
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,084	49.9	163,591	46.6	240	11.1	51,585	14.7
1930	1,143	51.3	163,855	46.7	221	9.9	50,222	14.3
1932	945	42.8	138,671	39.3	249	11.3	55,938	15.8
1934	926	40.8	139,625	39.2	202	8.9	40,244	11.3
1936	887	39.7	128,821	36.2	238	10.6	53,284	15.0
1938	858	40.2	125,617	35.7	241	11.3	59,595	17.0
1928-38 Average	974	44.1	143,363	40.6	232	10.5	51,811	14.7

Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	848	39.0	136,079	38.7	2,172	100.0	351,255	100.0
1930	863	38.8	136,774	39.0	2,227	100.0	350,851	100.0
1932	1,013	45.9	158,772	44.9	2,207	100.0	353,381	100.0
1934	1,143	50.3	175,930	49.5	2,271	100.0	355,799	100.0
1936	1,112	49.7	173,562	48.8	2,237	100.0	355,667	100.0
1938	1,034	48.5	166,344	47.3	2,133	100.0	351,556	100.0
1928-38 Average	1,002	45.4	157,910	44.7	2,208	100.0	353,084	100.0

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 26
YEARS OF TENURE
January 1, 1935

Owners	Madison County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	53	6.2	4,442	5.2
1 year	37	4.4	3,198	3.8
2 years	27	3.2	3,282	3.8
3 years	30	3.5	2,857	3.4
4 years	25	2.9	3,228	3.8
5-9 years	111	13.0	11,726	13.8
10-14 years	102	12.0	11,279	13.2
15 years and over	466	54.8	45,076	53.0
TOTALS	851	100.0	85,088	100.0
Tenants				
On present farm less than 1 year	276	25.5	21,763	20.1
1 year	184	17.0	15,053	13.9
2 years	113	10.4	11,555	10.7
3 years	89	8.2	8,285	7.7
4 years	68	6.3	7,564	7.0
5 years and over	353	32.6	43,826	40.6
TOTALS	1,083	100.0	108,046	100.0

Source: U.S. Agricultural Census.

TABLE 27
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms											
	1928		1930		1932		1934		1936		1938	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0- 9	53	2.44	49	2.20	57	2.58	59	2.60	57	2.55	54	2.53
10- 29	94	4.33	93	4.18	91	4.12	105	4.62	91	4.07	102	4.78
30- 49	166	7.64	171	7.68	161	7.30	169	7.44	167	7.46	162	7.60
50- 69	78	3.59	101	4.54	98	4.44	91	4.01	105	4.69	92	4.31
70-109	478	22.01	514	23.08	479	21.70	504	22.19	479	21.41	448	21.00
110-149	345	15.88	331	14.86	353	16.00	360	15.85	348	15.56	336	15.75
150-189	379	17.45	384	17.24	368	16.67	399	17.57	392	17.52	367	17.21
190-229	183	8.43	188	8.44	180	8.16	182	8.01	192	8.58	164	7.69
230-269	158	7.27	140	6.29	151	6.84	147	6.47	150	6.71	149	6.99
270-309	67	3.09	79	3.55	83	3.76	81	3.57	82	3.67	79	3.70
310-349	54	2.49	63	2.83	72	3.26	71	3.13	63	2.82	60	2.81
350-389	22	1.01	23	1.03	26	1.18	21	.93	23	1.03	26	1.22
390-429	30	1.38	24	1.08	27	1.22	22	.97	27	1.21	27	1.27
430-469	12	.55	14	.63	8	.36	13	.57	10	.45	14	.66
470-509	15	.69	10	.45	16	.72	11	.48	16	.71	15	.70
510-549	6	.28	7	.31	5	.23	5	.22	7	.31	5	.23
550-589	5	.23	7	.31	7	.32	5	.22	4	.18	8	.38
590-629	5	.23	4	.18	8	.36	5	.22	3	.13	3	.14
630-669	5	.23	7	.31	3	.14	4	.18	8	.36	5	.23
670-709	4	.18	2	.09	1	.05	2	.09	3	.13	3	.14
710-over	13	.60	16	.72	13	.59	15	.66	10	.45	14	.66
Total Farms	2172	100.00	2227	100.00	2207	100.00	2271	100.00	2237	100.00	2133	100.00

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 28
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-39

Year	Automobiles	Trucks	Tractors	Radios
1926	1,973	222	331	428
1927	2,062	235	359	679
1928	2,004	244	411	771
1929	2,129	251	436	883
1930	2,133	263	492	980
1931	2,069	233	510	995
1932	2,017	191	523	883
1933	1,768	181	489	770
1934	1,820	162	457	683
1935	1,727	112	467	732
1936	1,763	135	524	835
1937	1,730	114	591	1,160
1938	1,830	110	722	1,320
1939	1,862	240	796	1,462

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 29
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insurance Companies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Ohio	2615	975	357	240	274	240	4701	22.69
Walnut	1175	1052	391	89	360	551	3618	16.30
Monroe	1725	1012	1033	121	522	442	4855	21.83
Grand River	1363	1303	40	391	640	430	4167	18.46
South	854	1080	-	36	-	511	2481	12.52
Scott	2275	672	219	220	159	427	3972	18.79
Lincoln	1722	1608	148	366	-	436	4280	18.75
Webster	3011	2297	400	379	199	302	6588	27.36
Crawford & Center	1165	805	-	-	-	80	2050	11.48
Union	3916	1731	513	-	130	651	6941	34.55
Douglas	900	547	-	170	320	249	2186	9.75
Jackson	2391	1208	80	79	540	165	4463	20.27
Lee	2420	320	199	277	-	197	3413	17.19
Jefferson	574	640	660	159	-	-	2033	8.77
Madison	3049	249	138	363	358	1048	5205	23.06
Penn	2440	628	124	-	-	80	3272	14.10
County Total	31595	16127	4302	2890	3502	5809	64225	18.52

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 30
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insurance Companies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Ohio	3042	975	-	240	274	-	4531	21.87
Walnut	1552	889	138	561	584	551	4275	19.26
Monroe	2713	645	874	121	240	322	4915	22.10
Grand River	1763	1323	-	597	640	350	4673	20.70
South	1160	1266	-	315	-	395	3136	15.82
Scott	2649	692	59	440	241	537	4618	21.85
Lincoln	1590	1670	60	366	-	348	4034	17.68
Webster	3648	2324	-	620	120	160	6872	28.54
Center & Crawford	1483	765	-	-	210	80	2538	14.22
Union	4161	502	513	-	130	651	5957	29.65
Douglas	820	169	112	234	400	569	2304	10.28
Jackson	2599	1097	80	160	560	173	4669	21.20
Lee	4011	80	158	117	-	197	4563	22.98
Jefferson	882	640	660	159	-	40	2381	10.27
Madison	3141	199	138	406	358	1048	5290	23.43
Penn	2844	559	-	-	-	-	3403	14.67
County Total	33058	13795	2792	4336	3757	5421	68159	19.65

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 31
VALUE OF LAND AND BUILDINGS
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	2,284	311,990	\$ -	\$ -	\$ 6,641,334	\$ 21.29	\$ 2,908
1890	2,318	328,607	-	-	8,115,417	24.70	3,501
1900	2,600	354,216	11,373,450	2,206,850	13,580,300	38.34	5,223
1910	2,369	352,032	27,821,038	5,883,265	31,704,303	90.06	13,383
1920	2,125	335,445	59,963,887	7,184,920	67,148,807	200.18	31,599
1925	2,195	337,259	35,954,965	7,252,591	43,207,556	123.11	19,685
1930	2,152	346,790	28,596,990	8,639,250	36,636,240	105.64	17,024
1935	2,238	346,468	-	-	18,739,233	54.09	8,373

* Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U.S. Agricultural Census.

TABLE 32
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 5,337.70	\$ 31,003.50	\$ 36,346.20
Soldiers' Bonus Tax	1,880.71	5,681.16	7,561.87
General County Tax	4,006.52	23,253.17	27,259.69
Court Expense Tax	590.91	3,407.20	3,998.11
Poor Tax	4,006.53	23,253.14	27,259.67
Insane Tax, State Hospital	320.77	1,878.15	2,198.92
Insane Tax, County Hospital	-	-	-
County School Tax	668.87	3,874.46	4,543.33
Soldiers' Relief Tax	668.84	3,874.44	4,543.28
General County Bond Tax	1,398.70	11,022.36	12,921.06
Court House Tax	-	-	-
Emergency Tax	2,668.85	15,504.26	18,173.11
Bovine Tuberculosis Eradication	-	-	-
Secondary Roads - Construction	1,337.68	7,748.90	9,086.58
Secondary Roads - Maintenance	5,211.37	59,860.49	65,071.86
District School Tax	72,152.15	165,214.58	237,366.73
City Tax	27,483.88	-	27,483.88
Miscellaneous Taxes	3,576.34	1,489.49	5,065.83
Total	\$131,809.82	\$ 557,070.30	\$488,880.12*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
State Board of Assessment and Review.

TABLE 33
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	1	1	2
2. One-room rural elementary	91	91	88
3. Two-room (or more) rural elementary	-	-	-
4. Elementary, not rural	9	9	8
5. Separately organized Jr. High	-	-	1
6. Jr.-Sr. High, one organization	-	-	-
7. Separately organized Sr. High	-	-	-
8. Regular High, 4 years or less	7	7	7
9. Junior College	1	-	-
Total Number of Schools	109	108	106

TABLE 34
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	62	50	59
2. One-room rural elementary	1,373	1,282	1,211
3. Two-room (or more) rural elementary	-	-	-
4. Elementary, not rural	1,286	1,317	1,218
5. *Jr.-Sr. High, one organization	150	-	123
6. Regular High, 4 years or less	768	847	880
7. Junior College	18	-	-
Total Enrollment in all Schools	3,657	3,496	3,491

*Includes enrollment for School Types 5, 6 and 7 in Table 33.

Source: Annual Reports of County Superintendents to
State Department of Public Instruction.

TABLE 35
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	-	-	-
Imprived	-	39.50	810.23	849.73
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	3.50	3.50
Gravel	31.0	-	3.25	34.25
Stone	-	82.25	70.02	152.27
Paved				
Bituminous	2.7	-	-	2.70
Concrete	40.9	-	-	40.90
Brick	-	-	-	-
County Total	74.6	121.75	887.00	1,083.35

Source: Annual Report, 1938,
Iowa Highway Commission.